

# OUT & About



*The Pacific Region  
Outreach Newsletter*

Volume 9, Number 1 Winter 2003



CELEBRATING A  
**CENTURY**  
of CONSERVATION



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## Upcoming Themes:

Spring — Building Good  
Customer Service

Summer — Refuge Support  
Groups

Fall — Environmental  
Education

Winter — Endangered Species



## U.S. Fish & Wildlife Service

# Profile of a Refuge Hero

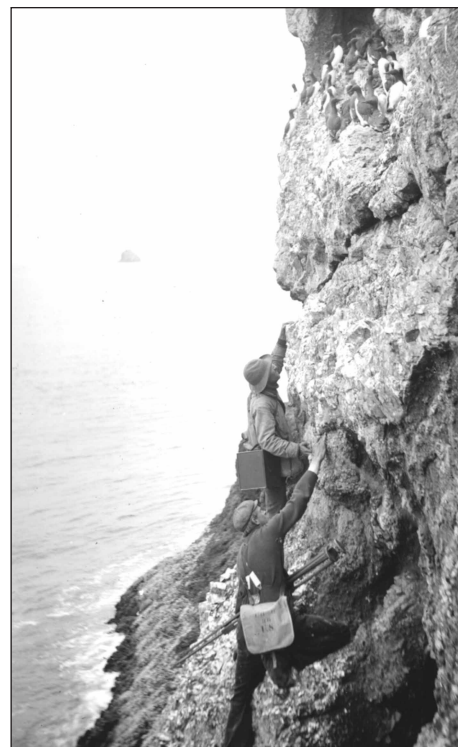
*William Finley's outreach produced first refuges in the west*

By Susan Saul

**W**illiam L. Finley, pioneer wildlife photographer and documentary film maker, also was a master of outreach. When he saw wildlife populations or habitat under siege, he used his photographs, articles he authored for the popular magazines of his day, and illustrated wildlife lectures to get the attention of the American public and President Theodore Roosevelt.

Three Arch Rocks, supporting the largest bird colonies on the Oregon coast, also provided Finley with his greatest wildlife photography adventure. Accessing the wind and wave-battered islands by a 14-foot rowing dory, Finley and his partner, Herman Bohlman, lugged heavy cameras and glass plates up the sheer face in 1903 to photograph seabirds.

Finley used the photographs to convince the Oregon legislature to end the sport of shooting seabirds, which he witnessed at Three Arch Rocks. According to Finley's written



Oregon Historical Society

*Finley's seabird photos helped establish Three Arch Rocks NWR.*

See **PROFILE...** Page 16

# The Power of Place and the Past

*Use the Centennial to nurture connections to refuges*

By Virginia Parks

**W**hen biological aide J.A. Allen reported on the progress of his crew's forays into the back country of a northern Nevada refuge to manage rodents and catalog wildlife, he wrote in an August 1936 narrative:

"When we first started work in this country the boys in the crew didn't welcome these climbs from the road to the location of the work, and stated their objections in no uncertain terms. This attitude has, of late, undergone a decided change, and they now make these climbs in a quiet and orderly manner, accompanied with a decided air of expectancy, for they have become acquainted with the wildlife

to be found in these out of the way places, and their aversion to the effort involved in being able to contact this wildlife in its own environment has given way to an intense desire to get back to the job each morning..."

The boys to whom Allen refers were enrollees in the Civilian Conservation Corps (CCC) stationed on Sheldon NWR. Their legacy includes many of the buildings, water control structures, and roads that still serve as the refuge infrastructure. Most of the boys were

See **POWER OF PLACE ...** Page 6

# OUT & About

**Out & About** is published quarterly for Region 1 Fish and Wildlife Service employees.

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## SUBMISSIONS

We welcome your submissions to **Out & About**. Regular sections in the newsletter are:

Feature Articles  
Case Studies  
Outreach Accomplishments  
Trainings & Workshops  
Announcements  
Q & A  
Letters to the Editor  
Outreach Resources

Articles should be submitted by E-mail or 3-1/2 inch floppy and run 150 to 500 words. Gear writing to newsletter style; avoid technical jargon. Photos welcome. Publication is not guaranteed, though every effort will be made to use submissions.

Submit articles to Jeanne Clark:  
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## SUBMISSION DEADLINES

Spring	April 1
Summer	May 15
Fall	August 15
Winter	November 15

**Out & About** has received U.S. Department of the Interior and Fish and Wildlife Service DI-550 approval.

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## REGIONAL PERSPECTIVE

# A Time for Pride

*Centennial offers opportunities to reflect on outreach successes*

By Carolyn Bohan

The Centennial of the National Wildlife Refuge System is a once-in-a-lifetime experience. I have a perpetual feeling of pride as I think about the incredible array of lands and waters that comprise the Refuge System. Each acre has a rich and unique history in terms of the resources being protected and the diverse cadre of people who have worked tirelessly to get these refuges established.

Our Pacific Region is no exception when it comes to refuge heroes. William L. Finley's compelling photos of seabirds convinced President Theodore Roosevelt to protect Three Arch Rocks in 1907, the first refuge established west of the Mississippi River. A year later, Finley's efforts to protect colonial nesting birds from plume hunters led to refuges at Lower Klamath and Malheur (See "Profile of a Refuge Hero" on page 1). Members of the Order of the Antelope got Hart Mountain established, the Boone & Crockett Club led the effort to protect Sheldon, and the Nisqually Delta Association advocated for Nisqually's establishment.

Many of our most precious supporters are everyday people who simply act on their conservation convictions. Florence LaRiviere was part of group that got San Francisco Bay established as the first urban refuge in 1974. In 1985, when she saw that wetland species were still being lost due to Cargill Inc.'s ability to use refuge lands for salt production, she formed a new organization at her kitchen table, the Citizens Committee to Complete the Refuge. Her dream came true just before this Christmas, when federal and state officials completed a \$100 million deal with Cargill to buy 16,500 acres of salt ponds and other property around San Francisco Bay, including the salt rights in ponds already owned by the refuge. This acquisition represents an unprecedented opportunity to restore marshes comparable in scope to restoration programs on Chesapeake Bay, in the Florida Everglades and along the Mississippi River.

Every refuge has its own local heroes. Our support groups and volunteers are the backbone of many refuges, dedicating countless personal hours to the mission of the

Refuge System. The Centennial offers an important opportunity to celebrate our past heroes, recognize our present partners and supporters, and recruit new ones. Some of our supporters think big: The Centennial Caravan that will tour the Pacific Flyway this spring is the inspiration of the Friends of Seal Beach Refuge, who wanted to demonstrate how their refuge is linked to others.

The Centennial is a unique opportunity for those of us working in the Refuge System to enjoy our accomplishments and share these achievements through outreach. This issue of *Out & About* includes several inspirational articles with ideas to consider for your Centennial celebrations. Find out about the voyages of the Hokulea, a re-creation of a Polynesian voyaging canoe that will be traveling to several remote Hawaiian refuges this year. Take a page from San Diego's book and see how they've partnered with the San Diego Zoo and The Walt Disney Company to promote the Centennial. And get some good ideas about what to include in your time capsules from a number of articles appearing in this issue.

I hope all Pacific Region employees share in the pride that I feel for the Refuge System as we celebrate our Centennial year. Respect, professionalism, dedication, and hard work have made the system what it is today. We have the privilege of serving in a region built by many heroes and characterized by many firsts. Antioch Dunes was the first in the nation to be set aside for plants and butterflies, Ellicott Slough was the first refuge established for an amphibian (salamander), and Coachella Valley was the first refuge established for a lizard. Our refuges have helped recover endangered species, such as the Aleutian Canada goose and bald eagle, and also protect waterfowl by the millions throughout the Pacific Flyway. Seize the opportunities offered by the Centennial and put out the welcome mat in your community. **O**

*Carolyn Bohan is the regional chief of the National Wildlife Refuge System*

# Hokulea Sails Again

*Recreated voyaging canoe to visit one of the nation's oldest refuges*

By Ann Bell

For anyone who lives in Hawaii, "Hokulea" is like the word "hula." Just saying it ignites the senses and invokes an image of pride and a renaissance of cultural traditions.

Hokulea is a re-creation of a voyaging canoe that once transported ancient wayfarers across thousands of miles of open ocean to tiny islands throughout the Pacific. Crafted and later restored by hundreds of volunteers, she has retraced each of the major migratory routes of ancient Polynesians. Her crew uses their knowledge of the wind, sea, and stars, restoring the art of "wayfinding."

With Master Navigator Nainoa Thompson at the helm, the Polynesian Voyaging Society has been building support for the next voyage in partnership with the Fish and Wildlife Service and other entities. This time Hokulea's voyagers will set their sights on an 1100-mile chain of islets, coral reefs, and atolls which includes the Hawaiian Islands NWR, one of the nation's oldest refuges, and a more recent addition, Midway Atoll NWR. Within this ecosystem are 70 percent of our nation's coral reefs and many marine and terrestrial species that exist nowhere else on earth.

This voyage is packaged into an inclusive educational campaign called *Navigating Change*, which is based on ancient Hawaiian wisdom, the concept of malama — or caring for our land and sea to ensure a balance among all forms of life. "It is about infusing a sense of responsibility within our community, of caring for our homeland," according to educator Bonnie Kahapea.

In 1909, the islets and reefs within the Hawaiian Islands NWR were protected by Theodore Roosevelt to halt the wanton destruction of thousands of seabirds. During our Centennial year, this chain of pearls will become a symbol of hope and serve as a catalyst to encourage the healing and restoration of our main Hawaiian Islands.

The refuge staff has seized this once-in-a-lifetime opportunity to develop educational projects for these remote islands, from helping to design and supply birds for a life-sized, walk-in model of refuge island to

showing teachers how to do a biological assessment on a neighboring island.

During the upcoming voyage, new maritime telecommunications systems will bring the voyage home via daily video segments and articles to anyone who has Internet access. This technology was recently field tested on a Northwestern Hawaiian Islands research expedition. Please visit [www.hawaiianatolls.org](http://www.hawaiianatolls.org) to view many of the video clips and articles highlighting the accomplishments of our own refuge staff as they demonstrate malama, "caring for" our native island ecosystems.

*Navigating Change* officially begins this March at Hawaii's birthplace southeast of the Big Island. You can follow Hokulea at [www.navigatingchange.org](http://www.navigatingchange.org). Educators and occasionally FWS staff will meet the canoe at fifteen ports to offer educational programs.

In August, Hokulea will set sail again beyond Kauai, continuing the journey through the archipelago's volcanic remnants considered to be the kupuna islands, or "the ancestors," of the main Hawaiian Islands. It will also be time to learn from our ancestors. Modern technology will allow us to follow along and hear about our 94-year history of habitat management and recovery, as the incredible imagery of the nation's most intact coral reef ecosystem is unveiled. **O**

*Ann Bell (formerly Ann Hudgins) is an outdoor recreation planner in the Pacific Islands Ecoregion Office.*

*"The refuge has seized this once-in-a-lifetime opportunity to develop educational projects ..."*



Monte Costa©

*The re-created voyaging canoe will carry outreach messages throughout the islands.*



# Is Your Time Capsule Planned?

Creating our "Antiques Roadshow" of the future

By Susan Saul

Construction workers at Stanford University recently uncovered an old copper box. It was a long-forgotten time capsule deposited in the cornerstone of the building in 1898 by university co-founder Jane Stanford. More than 300 people entered a university-sponsored contest to guess the contents before the box was opened at a Founder's Day celebration in 2002. "This is Stanford's own Antiques Roadshow," Board of Trustees Chair Isaac Stein quipped.

On March 14, 2003, 43 refuges in the Pacific Region will join other refuges nationwide in creating the National Wildlife Refuge System's *Antiques Roadshow* of the future. Our successors 100 years from now will be able to speculate about what we were thinking as they guess at the contents and then see what is actually inside.


Some artifacts they will find in Pacific Region time capsules include: a condor feather, condor egg pieces, condor wing radio transmitter and tag, poetry, historical and scenic photographs, gun bullets of various materials, books describing conservationist efforts to get specific refuges established, goose bands, goose neck collars, research papers, student essays, "Dunite" paintings, educational CDs, information kits, packet of sand and sea shells, maps, newspaper articles, hats from partner organizations, letters, drawings, postcards, endangered Hawaiian forest bird feathers, refuge brochures, freshwater clam, atlas, refuge pin, books about refuge history and archaeology, tule elk antlers, friends group newsletters and brochures, posters, Junior Duck Stamp contest materials, memorials to deceased employees, news releases, t-shirts, plant and wildlife checklists, and a local AAA road map.

Some refuges have invited their congressional representatives, refuge neighbors or community members to submit artifacts to include in the time capsules. Other refuges are holding contests in their local schools for children to write about the refuges in essays, or poems or portray their thoughts and ideas about the refuges in art projects. (See article page 5).

## Region 1 Time Capsule/Centennial Events

Here is a working list of refuges that have filed event plans. Dates have been noted if they have been determined.

Ash Meadows	10/31	Pahrnagat	4/22
Columbia	3/22	Ridgefield	3/29
Desert	10/18	Ruby Lake	3/11, 9/13
Guadalupe-Nipomo Dunes	3/14	Sacramento	3/14
Hakalau Forest	3/14, 3/15	San Francisco Bay	3/14, 3/15
Hopper Mountain	3/14	San Disgo	3/14
Humboldt Bay	3/14	Seal Beach	3/14
Kern	4/19	Sheldon-Hart Mountain	October
Kauai	3/15	Sonny Bono	
Klamath Basin	3/14	Salton Sea	2/15
Klamath Marsh	6/28	Stillwater	3/14
Kootenai	3/14	Stone Lakes	3/14
Little Pend Oreille	6/14	Tualatin River	3/14
Malheur	3/14	Turnbull	3/14, 5/17
Minidoka	10/14	Willapa	3/11
Modoc	October	Willamette Valley	5/10
Nisqually	3/14		
Oregon Coast	3/14		

We hope to do better than Jane Stanford at guarding our time capsules against loss. Every refuge is asked to create an inventory of the time capsule contents, identify the GPS coordinates of the time capsule location, and register the time capsule with the International Time Capsule Society. For more information on archiving contents for time capsules or time capsule registration, contact Susan Saul, regional centennial coordinator, at 503/872-2728. 

Susan Saul is an outreach specialist in External Affairs in the Regional Office.



David Bozsk

## Upcoming Events

### Klamath Basin Bald Eagle Conference/Festival

**When:** February 14-16

**Where:**

Klamath Falls, OR

**Contact:** Klamath County Dept. of Tourism

1 800/445-6728

www.eaglecon.org

### Salton Sea International Bird Festival

**When:** February 14-17

**Where:** Imperial, CA

**Contact:**

Carolyn Benson

760/344-4591

www.newriverwetlands.com

### Wild on Wetlands

**When:** March 8-9

**Where:** Los Banos, CA

**Contact:** 209/826-5188

or

800/336-6354

www.losbanos.com

### National Wildlife Refuge System Birthday

**When:** March 14

**Where:** Nationwide

**Regional Contact:**

Susan Saul

503/872-2788

# Children Send Messages to the Future

*Tualatin NWR holds Centennial postcard contest*

By Andrea Woodworth

As part of the Centennial celebration and in conjunction with the sealing and burial of the time capsule, Tualatin River NWR is hosting a postcard/essay contest for school children. On the front of the postcard the students will produce an original work of art depicting a refuge scene. On the back, students will write a brief message that explains why it's important to conserve this special place and other areas like it as part of the National Wildlife Refuge System.

The winners of the contest will read their messages and place their postcards in the time capsule before it is sealed during the refuge Centennial ceremony on March 14, 2003. Runner-up and honorable-mention postcards will also be awarded for each grade level. All award categories will be on display at the Centennial ceremony, and the winning postcards will be reproduced as note cards by Friends of the Tualatin River Refuge (FOR) and sold to the public.

"This a great way for kids to take part in the Centennial and begin to understand the National Wildlife Refuge System," says Project Leader Ralph Webber. "Not only are the kids preserving an image of how the refuge appears today, it's a way for them to start thinking about conservation and stewardship of natural resources."

Although Tualatin River NWR lies in the shadow of Portland, Oregon, many of the surrounding communities haven't had exposure to the area as it is not yet open to the public. In order to give children a chance to see the refuge, a Kid's Discovery Day was held November 16, 2002.

The Sherwood Gazette, other local media, teachers, and administrators were resources for announcing the event. Although the day brought stormy and wet weather, more than 25 children came out to the refuge. In a large tent, four learning stations gave kids an opportunity to learn through hands-on activities about watersheds, and the animals and birds that live on the refuge — all of which gave children a chance to sketch ideas for their postcards. Many were eager to discover the varying habitats of our Steinborn

Unit and excitedly braved wind and rain to join a habitat tour.

Children in grades K-12 from all of our surrounding schools are welcome to enter this contest. Fish and Wildlife Service archaeologist and FOR board member Virginia Parks and I designed and produced posters and flyers to encourage participation, which were distributed to Sherwood School offices and teachers and placed in businesses, community facilities, and partner offices around Sherwood. The school district is also helping the refuge print multiple announcements in the school newsletters to encourage participation. A second wave of promotion occurred in early January through local media and public schools.

The postcard/essay contest is one of several projects I have helped to develop and implement as an AmeriCorps member serving in the capacity of outdoor recreation planner. The refuge has involved me in field work, volunteer coordination of restoration sites, and documentation of refuge activities and wildlife through digital photography. It's an exciting job, giving me valuable professional experience and a chance to give something back to the community. Consider AmeriCorps members to help with some of your station's programs. **O**

*Andrea Woodworth is an AmeriCorps member working at Tualatin River NWR.*

*"The winners of the contest will read their messages and place their postcards in the time capsule..."*



Andrea Woodworth

*Children enjoy hands-on learning at Discovery Day.*

# Meet Marguerite Hills

*Refuge program specialist for visitor services programs*

By Marguerite Hills



Some of you may recognize my name from my many years in Region 1 as a refuge biologist at Ridgefield and Sacramento and refuge manager at Hopper Mountain. I have just completed a five-year sojourn as assistant refuge manager at Cypress Creek NWR and I'm very pleased to be back in the Pacific Region.

I'm very enthused to have joined your Visitor Services and Communications Division team as the refuge program specialist for visitor service programs.

As long as I can remember I have been fascinated with wildlife. Early on my seasonal jobs were at Iroquois, Kenai, Salton Sea, and Stillwater, and I've become increasingly more committed to working for a system of lands where wildlife comes first.

I believe very strongly that connecting people with wild things and wild places is our future. I want to provide support and resources to the field, assisting managers and others on all aspects of the "Big Six" recreational activities.

In times of tight budgets and increasing demands on refuge staff, motivated and effective friends groups can be crucial to achieve our goals and establish excellent public use programs. I will do everything I can to help refuges start, nurture, and work with friends groups and other partner organizations. With our Centennial anniversary just around the corner, we have an excellent chance to celebrate our successes and create meaningful education programs, enjoyable recreation, more volunteerism, and greater understanding and support for national wildlife refuges.

I look forward to helping you develop your visitor services programs. Please feel free to contact me at 503/872-2739.



## Power of Place...

Continued from Page 1

from the Southeast, and the landscape of northern Nevada must have seemed akin to the surface of the moon. Through their refuge experience, however, they developed a sense of place and an appreciation for the wildlife and habitat that remained with them for the rest of their lives.

There are many others for whom a place, and the past, are interconnected with landscapes now managed as refuges. There's the Chinook man, for example, whose family lived on Long Island at the beginning of the twentieth century before it became a unit of Willapa NWR. Or the veteran who was stationed on Midway Atoll during the historic Battle of Midway in June 1942. There are the Yakama families who return each year, as their ancestors before them, to traditional camas harvesting grounds on Conboy Lake NWR. There are the old timers who come visiting at the farmhouse which

now houses the Region 1 Cultural Resources Team on Tualatin River NWR, reminiscing about the days when the land was their family's onion farm. Then, of course, there's the child who spent some of his youth at Last Chance Ranch on Sheldon NWR where his father was the first refuge employee. His name was Lynn Greenwalt, and he went on to become director of the U.S. Fish and Wildlife Service.

The approaching Centennial offers an opportunity to look back and celebrate the connections to the land which are deeply rooted in the past. The Refuge System's greatest gift is linking people with the nation's rich natural and cultural heritage. As J.A. Allen's crew demonstrated back in 1936, it is a gift that gives back tenfold.



*Virginia Parks is an archeologist on the region's cultural resources team.*

### Othello Sandhill Crane Festival

**When:** March 21-23  
**Where:** Othello, WA  
**Contact:**  
Chamber of Commerce  
509/488-2802 Ext. 100

### John Scharff Migratory Bird Festival

**When:** April 4-6  
**Where:** Burns, OR  
**Contact:**  
Harney County  
Chamber of Commerce  
541/573-2636  
www.harneycounty.com

### Godwit Days

**When:** April 18-20  
**Where:** Arcata, CA  
**Contact:** City of Arcata  
800/908-WING

### Grays Harbor Shorebird Festival

**When:** April 25-27  
**Where:** Hoquiam, WA  
**Contact:**  
Sheila McCartan  
360/753-9467

### Kern Valley Bioregions Festival

**When:** April 25-27  
**Where:** Weldon, CA  
**Contact:** 760/378-3044  
www.valleywild.org



## Birding for Visually Impaired Persons

*Adapting programs to meet the needs of all visitors*

By Kathi Stopher and Steve Bouffard

Think of the incredible wildlife bounty on your refuge... an elk bugling in a sunlit meadow or a killdeer sounding a distracting alarm as it swoops away from its nest. Minidoka National Wildlife Refuge Manager Steve Bouffard was thinking about the sounds of nature as he was meeting with people associated with L.I.F.E. Inc. (Living Independently For Everyone) about developing refuge programs for those with visual impairments. And it hit him. The refuge could share this rich experience by capitalizing on their hearing, a sense that is often highly developed in those who are unable to see.

With help from a challenge cost share grant, a partnership with L.I.F.E. Inc., and Walcott State Park, Minidoka has taken the lead in adapting the traditional bird walk to meet the needs of visually impaired and blind visitors. This program incorporates a guided walk to Minidoka's accessible viewing and fishing platform (see *Out & About*, Summer 2002) and provides a model other refuges can easily adapt to their own programs. Bird walk guidelines are available from the refuge.

The first "Listening for Bird Identification" walks held at Camas and Minidoka NWRs were offered by Bouffard and Chuck Trost, a retired ornithology professor from Idaho State University. The walks gained many thank yous from participants and even generated a volunteer, who is being trained to lead future walks and help with additional accessible programs.

"Adapting birding programs for the visually impaired is a natural," says Bouffard. "Many more birds can be detected by sound than by sight. Experienced birders often rely on hearing to identify calling birds; many finetune their skills by listening to birding by ear recordings."

The program is easy to emulate. All that is needed is a user-friendly site with accessible walkways, a guide to help participants navigate the area, and someone with enough experience to lead birding-by-ear tours. "We learned along the way," comments Bouffard.

"Instead of gesturing and saying 'look over there' to pinpoint a call, we used more precise directions, such as 'above you, behind you, etc.' On the second tour we brought a CD player with bird recordings. After we played a song just once, visitors were able to pick out the call. We also got some good ideas from Steve Martin at Benton Lake NWR, who has done similar programs. In addition, L.I.F.E. just completed translating the Idaho State bird list into braille, so soon our visitors can use the list right along with us."

"Listening for Bird Identification" is a rewarding program. It provides an enjoyable walk in an outdoor setting that also increases our visitors' knowledge and is connecting people who share a passion for birding. The refuge plans to host bird walks to celebrate the Centennial and beyond, and to further develop the refuge infrastructure for enhancing birding-by-ear.

When it comes to making refuge programs more accessible, Bouffard feels that meeting the needs of those with disabilities involves more than providing them an excellent recreational experience. The chance to truly connect with nature gives us a chance to convert new friends and help everyone appreciate what national wildlife refuges have to offer. For information contact, Kathi Stopher 208/237-6615 or Steve Bouffard 208/436-3589.

*Kathi Stopher is a S.C.E.P. student from George Mason University and Steve Bouffard is refuge manager at Minidoka NWR.*

*"Many more birds can be detected by sound than by sight."*



Kathi Stopher

*Visually impaired visitors get tips on identifying birds by sound.*

# San Diego's Centennial Partnerships

*Three projects extend our reach into the community*

By Barbara Simon

*"Having our message delivered through partners helps validate who we are, what we do, and our unique conservation mission."*

When we partner with organizations and institutions in our communities that already have a positive public image, we not only have the opportunity to reach a broader audience; having our message delivered through these partners helps validate who we are, what we do, and our unique conservation mission. The San Diego Refuge Complex is forming these kinds of partnerships for the Centennial and beyond.

## THE SAN DIEGO ZOO

San Diego loves the San Diego Zoo. That good feeling is helping the San Diego Refuge Complex send its message outside of its usual conservation audiences. The Fish and Wildlife Service and the Zoological Society of San Diego (Zoo) have worked together over many years on endangered species, such as the California condor. The Zoo's Director of Applied Ecology, Jeff Opdycke, was formerly a field supervisor at the Carlsbad Fish and Wildlife Office, and Dierdre Ballou of the Zoo's Education Department sits on many community committees with us. These frequent contacts have allowed us to explore what we might accomplish together and have laid the groundwork for current education and outreach collaborations.

The Children's Zoo, the most visited area of the San Diego Zoo, will host a Centennial Festival on Saturday, March 8, 2003. Gaily decorated booths stocked with materials highlighting the Refuge System, Service programs, and our many partnerships with the Zoo will be featured throughout the

venue. The public will be able to access information and opportunities to become involved with conservation efforts on and off refuges. We've also proposed an organic Centennial exhibit to be placed in a zoo "mini-refuge" that would remain throughout all of 2003.

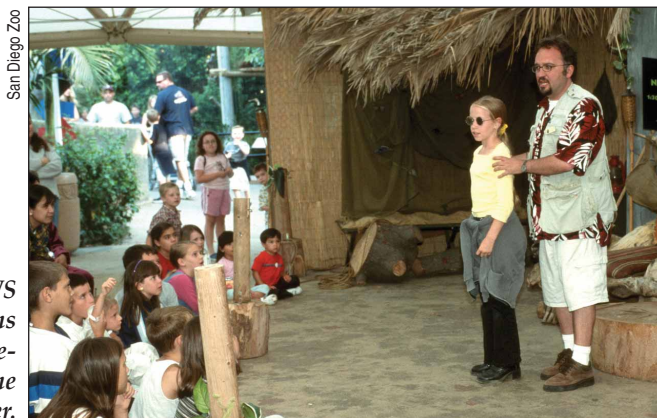
In addition, Dr. Zoolittle, a well-known Zoo character, will present two Service-sponsored programs at the Children's Zoo Theater: "Disappearing Wildlife," a program about the causes of wildlife and habitat loss, and "The Great Migration," a presentation about migratory birds and other animals. Zoo Core volunteers will also assist with native species exhibits, and local schools will be able to view these shows at their sites at no cost thanks to a Service "scholarship" to the Zoo's Education Department.

All of these activities will be advertised jointly by the Zoo and the complex. Banners at the Zoo's entrance will announce the celebration to Zoo visitors and the Festival will be featured in Zoo publications.

## HABITAT IS WHERE IT'S AT!

What child doesn't love Jiminy Cricket? This year, Jiminy is echoing the Service's "Wild Things" distance learning broadcast and focusing on habitat. For the past nine years, The Walt Disney Company has made Jiminy their environmental conscience through the Jiminy Cricket Environmental Challenge (JCEC), an environmental education program that annually reaches over 3,000 California classrooms and over 90,000 students. The Service was invited to participate in the program by Kym Murphy, vice president of Disney's Environmental Policy Department — and a member of our Centennial Commission. It's our opportunity to reach a large and diverse audience and provide visibility for the Refuge System and the Centennial celebration while helping to strengthen the environmental ethics of today's youth.

The Challenge is a two-part program consisting of a pledge and/or a class project



Two FWS programs will be presented at the Zoo Theater.

See SAN DIEGO'S... Page 9



## San Diego's...

Continued from Page 8

competition for fifth grade classrooms. The class can do something as simple as make a pledge to do something good for the environment, or as involved as creating and carrying out a comprehensive environmental project. Teachers and students are encouraged to contact refuges in California for information and to develop projects and/or field trip experiences on a nearby refuge for their JCEC competition. A list of California refuges and Service web sites is included in the new JCEC packets. In California, the Challenge has been the exclusive project of The Walt Disney Company and the California Environmental Education Interagency Network, a group of state environmental and education agencies. The Service will become an associate member of the network and continue to be a partner in JCEC.

During the spring celebration at Disneyland for the winning class and their families, the Service will present a special award and the students will be featured on our Wild Things 2003 distance learning broadcast, "Habitat is Where It's At."

### CENTENNIAL CARAVAN

The Friends of Seal Beach NWR launched the Centennial Caravan at a National Public Lands Day restoration project at the Tijuana Slough NWR in September. Banners announcing National Public Lands Day and the Centennial, and materials distributed by Caravan staff, attracted the attention of the public as they entered the restoration site. With a pelican atop the lead vehicle, the Caravan is sure to elicit the curiosity of the public — and media — as it "migrates" along the Pacific Flyway.

This was the first stop on an itinerary that will take these brightly-decorated vehicles through three western states. The Caravan

#### Centennial Caravan Schedule

February 14-15	First Flight! — Sonny Bono Salton Sea NWR
March 8	San Diego Zoo
March 14	Seal Beach NWR
March 23	Sacramento NWR
March 26	McNary NWR
March 27	Regional News Conference at Tualatin River NWR
March 28	Nisqually NWR
March 29	Ridgefield NWR
April 1	Humboldt Bay NWR
April 3	Alameda NWR
April 5	Guadalupe-Nipomo Dunes NWR

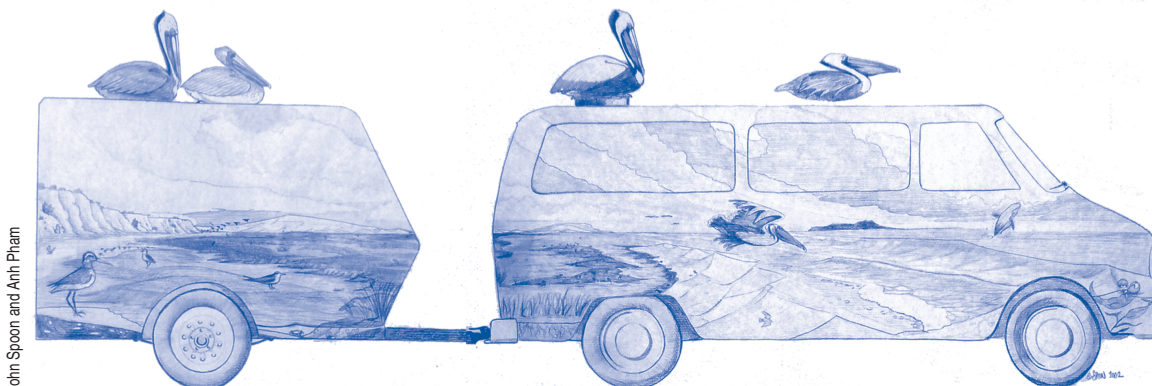
will stop at coastal and interior refuges to attract public and media attention as it invites people to celebrate the richness that national wildlife refuges bring to their communities. Caravan participants will help the staff, volunteers, community partners and support groups of individual refuges hold special events, deliver education and interpretive programs for youth and adults, and highlight the wildlife and habitat conservation accomplishments of local refuges.

The Caravan will return to San Diego in March to participate in the San Diego Complex's Centennial Festival at the San Diego Zoo. On March 14, the Caravan will celebrate "at home" at the Seal Beach NWR, then follow an ambitious itinerary to promote the Refuge System and the Centennial.

Refuge Manager John Bradley and the Friends of Seal Beach initiated the Caravan idea, applied for and received a Challenge Cost Share grant from the Service, and continue to develop the activities of this very ambitious project. Look for the Caravan in your neighborhood. **O**

*Barbara Simon is an information and education specialist at San Diego NWRC.*

*"With a pelican  
atop the  
lead vehicle,  
the Caravan  
is sure to  
elicit curiosity..."*



John Spoon and Anh Pham

## And the Award Winner Is...

The Cathlapotle Archaeological Project on Ridgefield NWR, which researched a Chinook Indian town site visited by explorers Lewis and Clark in 1806, received the Advisory Council on Historic Preservation's first Chairman's Award for Federal

Achievement in November 2002.

The Advisory Council, an independent federal agency, praised the Cathlapotle project for public outreach to American Indians, local teachers, and community members.

Regional archaeologists **Anan Raymond** and **Virginia Parks, Tony Johnson** of the Chinook Tribe, and **Dr. Ken Ames**, professor of anthropology at Portland State University, traveled to Washington, D.C. to accept the award and share their achievement.



## Student Project Also Honored

The Washington State chapter of the American Planning Association recently selected the **Fish and Wildlife Service** and **EDAW**, a landscape architecture and environmental planning firm, to receive its Honor Award in the partnering category. The award recognizes their combined efforts to host EDAW's Summer Student Program on the Ridgefield NWR in 2000. It attracted 19 college students from around the world for an intensive two-week workshop that addressed environmental, cultural, and recreational issues at the refuge.

The students collaborated with refuge staff, the Chinook Tribe, Portland State University and the local community to identify opportunities for interpretation, habitat restoration, and education and produced a concept plan for the refuge's Carty Unit.

## Finley Special on PBS

Oregon Field Guide, Oregon Public Broadcasting's weekly outdoor program, aired a segment on William L. Finley on November 21, 2002.

The show used Finley's historical wildlife film footage from the 1910s and 1920s to tell the story of Oregon's early conservation history and the pioneering work of Finley to get Three Arch Rocks and Lower Klamath refuges established. Finley's photographs and films raised conservation awareness throughout the region. Oregon Coast NWRC Project Leader Roy Lowe and retired Service employees Bob Fields and Dave Marshall appeared in the segment.

Oregon Field Guide has the highest viewership of any locally produced program in the Public Broadcasting System. (See "Profile of a Refuge hero" on page 1.)

### Archival Materials for Time Capsules

The Department of the Interior (DOI) Museum Services Branch has negotiated agreements with these vendors for purchase of archival materials; be sure to reference the DOI partnership agreement to get a discount on list prices: Light Impressions, Karla Wheatly, 800/411-7038 ext. 2478. See Catalog items online at [www.lightimpressionsdirect.com](http://www.lightimpressionsdirect.com); University Products, John Dumphy, 800/628-1912 ext. 304; and Scientific Sales, Inc. (environmental monitoring equipment), Brian Maziarz, 800/788-5666.

Another source of archival materials that is not part of the DOI agreement is: Future Packaging and Preservation (preservation kits and archival supplies), 626/966-1955, [www.futurepkg.com](http://www.futurepkg.com), or email at [sales@futurepkg.com](mailto:sales@futurepkg.com). Craft stores such as Michaels and Craft Warehouse carry archival quality papers and plastics in their scrapbooking sections.

### Fundraising Advice

The Grassroots Fundraising Journal helps nonprofit organizations learn how to raise more money to support their important work. This bi-monthly publication offers practical, how-to instruction and tools. The website is a great resource with sample articles from back issues and on-line subscription capability at <http://grassrootsfundraising.org>.

### Pacific Region Launches Tribal Web Page

Region 1 now offers a new web page to assist with a range of American Indian topics. It lists treaties by state; Service policies directing how we work with Tribes; an Eagle Feather Permit Application form; web links to many of the region's links to tribal support organizations. Make time to visit this great new resource at <http://pacific.fws.gov/ea/tribal/default.htm>. For information contact, Scott L. Aikin at 503/231-6123.

## 100th Birthday a Great News Story

*Tips for making the most out of your Centennial events*

By Joan Jewett

There has never been a better time to promote the National Wildlife Refuge System than the Centennial celebration of 2003. This historic occasion gives us a year of opportunities to generate media coverage about the system's beauty and values and to raise awareness of the tremendous resources the Refuge System holds.

Nearly every staffed refuge in the nation will be expected to host a public "time capsule" event on March 14, 2003. Forty are scheduled in the Pacific Region — all in different media markets. Here are some guidelines to help you make the most out of media opportunities in your area:

### KNOW YOUR MEDIA MARKET

What gets the media's attention in one place won't in another. The smaller the media market, the more likely you are to get coverage. For example, the Modoc (California) County Record devoted a half-page of a November edition to the time capsule developed by the Modoc NWR. That's something you're not likely to see in a big media market like San Francisco. The bigger the market, the more you'll have to work to get the media's attention. Newspapers love things with a sense of history and time capsules afford a great opportunity to discuss the importance of conservation.

### THINK PICTURES

The media love animal pictures, so give them a "photo op." This is a must if you're going to attract television coverage. They don't want to film people giving speeches; they want people doing something, preferably with animals. A good example of turning an event with limited visual appeal into a captivating scene that received good television coverage occurred in October 2002 at San Joaquin River NWR. The refuge, open to the public for the first time, was dedicating a viewing platform. To attract the media, organizers coupled the event with the release of captive-bred, endangered riparian brush rabbits. The photographers loved it.



### GET A VIP

Invite an elected official to participate in your event, especially a member of Congress. They often have a proven track record of getting media attention. Be sure to give them plenty of advance notice. If you haven't already called to get on their calendar, do it now. Celebrities are also good media draws. And throughout the year, top officials from the Fish and Wildlife Service and the Secretary of Interior's office are likely to visit refuges. If they visit yours, you can count on increased media attention.

### DIG FOR STORY IDEAS

Look at your refuge's history, not just its natural resource values, when you're looking for story ideas. For example, Ridgefield NWR in Washington has received lots of media attention for Cathlapotle, an historic Chinook Indian town site visited by explorers Lewis and Clark. When reporters come asking about Cathlapotle, refuge staffers take the opportunity to also talk about the refuge and its flora and fauna.

### THINK NATIONALLY

Be sure to let reporters in your area know that your time capsule event is one of hundreds happening on the same day all over the nation. That gives national context and importance to your event, even if it's happening in a small, out-of-the-way place. Get to know some success stories at other refuges to help emphasize the refuge system and to add resonance to your own accomplishments.

*Joan Jewett is chief of Public Affairs in the Regional Office.*

*"Newspapers love things with a sense of history and time capsules afford a great opportunity to discuss the importance of conservation."*



# The Tramp and The Roughrider 🔍

*Muir and Roosevelt to visit San Francisco Bay NWRC*

By Sandy Spakoff and Carmen Leong-Minch

**T**hink big. Think unique. Be creative. These were the words used to describe our vision for the San Francisco Bay National Wildlife Refuge Complex's Centennial event. Fortunately, being a large urban refuge in many locations comes with a large visitor services staff. The complex employs two outdoor recreation planners, three environmental education specialists, and one volunteer coordinator. In addition, our friends group, the San Francisco Bay Wildlife Society, employs an interpretive specialist and an education specialist, with both able to help with the Centennial celebration. We know we're fortunate to have such talent upon which to draw and to orchestrate this event.

The Visitor Services staff met several times to brainstorm and the ideas that came forth were limitless, with each suggestion becoming bolder and more exciting than the last. Then, reality sunk in as we realized everyone was carrying full workloads. How were we going to accomplish the goal of producing a unique, Centennial event that allowed time for the rest of our work on other projects.

With the commitment of the entire refuge complex staff and refuge volunteers, the Visitor Services staff will present three special performances of *The Tramp & the Roughrider*. These performances bring to life two of the most influential men in the history of conservation, the "tramp," John Muir, and the "roughrider," Teddy Roosevelt. These two individuals, portrayed by Lee Stetson and Alan Sutterfield, meet once again on stage, in a pristine wilderness stage setting in 1903, to explore each other's opinions about how America's wildlife resources should be managed and sustained.

Grandiose drama aside, we had to operate within a budget and found our actors willing to make some accommodations. The original conservation discussions were made in

relation to Yosemite National Park. These discussions were still suitable for our audience and the actors agreed to add an epilogue about the National Wildlife Refuge System at no additional charge. We also contracted with them six months before the event; popular character actors may become booked months, even years, in advance.

We scheduled one of these performances on Friday afternoon, March 14. It is geared toward high school and college students. The other two performances will follow a reception that evening and the time capsule ceremony the next day. The school

performance is free of charge, while a nominal fee will be charged for the other performances. We believe that placing a value on the tickets will help eliminate last minute cancellations. Refuge partners are invited to attend, as well as key elected representatives.

The Visitor Services staff chose to have the production off-site due to excellent facilities nearby, a chance to work with the surrounding community, and inexpensive venues. It would have cost us three times as much to

hold the event at the refuge. The refuge is covering the cost of this educational experience while our friends group has committed to help with advertising and a reception.

All refuge volunteers and staff were invited to participate on committees necessary to produce this Centennial event. Nearly the entire staff signed up to help with event logistics, decorations, reception logistics, invitations, event promotions, or time capsule planning. With additional minds came additional ideas to generate funds, raise public awareness for the event, and connect with the local community. **O**

*Sandy Spakoff is a supervisory outdoor recreation planner and Carmen Leong-Minch is an outdoor recreation planner at San Francisco Bay NWRC.*



*Lee Stetson as John Muir.*

*"We contracted with them six months before the event; popular character actors may become booked months, even years, in advance."*

## Refuges Featured at Oregon Museum

*Pronghorn exhibit brings centennial to the people*

By Susan Saul

A major new exhibit at The High Desert Museum in Bend, Oregon, uses the pronghorn, signature mammal of the Western sage, to bring the National Wildlife Refuge System Centennial story alive for visitors.

"Pronghorn! Antelope of the High Desert: Celebrating the Wildlife and Heritage of the Hart Mountain and Sheldon National Wildlife Refuges" uses photographs, film, artifacts, and personal observations to tell the story of the fastest land animal in North America. A walk-through diorama features a pair of adult pronghorn, and a fawn, coyote and sage grouse against a backdrop of sagebrush and grasses.

The pronghorn survived the mass extinction of North American species at the end of the last Ice Age but almost didn't make it into the 20<sup>th</sup> century. Between the early 1800s and the 1930s, when Hart Mountain and Sheldon refuges were established, the pronghorn population declined from as many as 50 million animals to fewer than 20,000. Today an estimated one million pronghorn are spread across the West.

"Wildlife refuges were among the first to bring the plight of the pronghorn to national attention," said Mike Nunn, project leader for Sheldon-Hart Mountain NWRC. "That's the story of the exhibit."

The exhibit came into being because Nunn and his staff realized that Sheldon and Hart Mountain, some of the most remote refuges

on the mainland portion of the Pacific Region, would never attract large crowds to on-site Centennial events. They would need to take their Centennial message to where the people are instead.

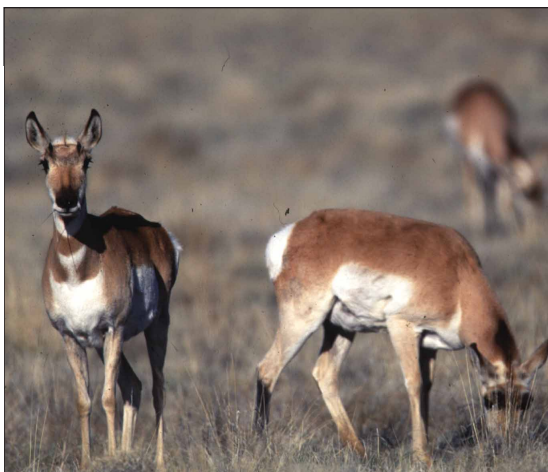
They contacted The High Desert Museum, 175 miles away in Bend. This private, non-profit educational institution focuses on the natural and cultural history and resources of the High Desert, which occurs in eight western states and spans a 10,000 year history. The refuge's exhibit proposal was a good fit with the museum's five-year plan for its temporary exhibit space.

While the museum provided exhibit design and installation, funding for fabrication came from the Fish and Wildlife Service and Oregon Hunters Association. The National Fish and Wildlife Foundation funded supporting activities, such as a poster, lecture series, and opening reception. Other partners contributed artifacts and information for the exhibit.

Over 250 people attended the reception opening the exhibit on October 11, 2002. Craig Manson, Assistant Secretary for Fish and Wildlife and Parks, was the keynote speaker at the event. The exhibit will run through September 21, 2003. An estimated 160,000 museum visitors are expected to view the exhibit during that time.

*Susan Saul is an outreach specialist in External Affairs in the Regional Office.*

*"The exhibit came into being because ... remote Sheldon and Hart Mountain would never attract large crowds to on-site Centennial events."*



*Pronghorn are the focus of the Centennial exhibit at the High Desert Museum.*



*Assistant Secretary Craig Manson (right) and Museum President Forrest Rodgers welcome visitors.*

## Centennial Commemorative Blanket

*Symbolism of its design embraces whole Refuge System*

By Matt Hasti

*"There are many ways to interpret the blanket, with no one answer being correct."*

As a designer, it is one of those projects that you hope will drop on your lap. Your boss comes to you and asks, "Can you work with Pendleton Woolen Mills to create a trade blanket to commemorate the National Wildlife Refuge Centennial?"

"Are you kidding?" I thought. Here was an opportunity to create an heirloom product that visually embodies my feelings, reasons and pride in working for the Service. "Sure," I replied in a heartbeat.

Project Leader Gary Hagedorn had volunteered the Mid-Columbia NWRC and eventually its friends group to take on the project. Backed by a \$1,500 Challenge Cost Share grant, Hagedorn contacted Bob Christnacht of Pendleton's Blanket/Home Division in Portland, Oregon and set up a meeting for the key players.


Christnacht covered everything from setup and production to pricing and marketing. He showed us samples of other commemorative blankets and the suede patches that identify these as "special" blankets. The National Fish and Wildlife Foundation was so enthused we received a grant to produce blankets as gifts from the National Wildlife Refuge System to the 55 states and territories and the White House.

I began researching and as luck would have it, the Oregon Historical Society was exhibiting Dale Chihuly's collection of over

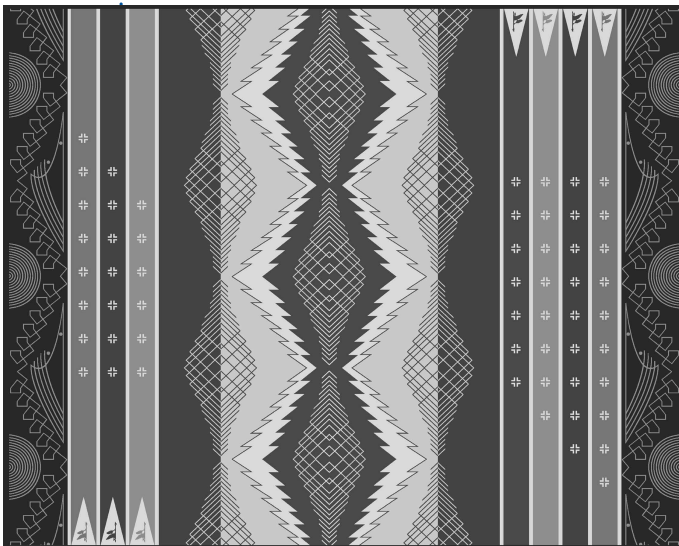
75 American Indian trade blankets. I looked at many resources and learned a lot historically and visually from the book, "Language of the Robe: American Indian Trade Blankets." What especially touched me is the honored way the trade blanket is given and received. For the recipient, it represents deep respect, gratitude, and friendship, messages I hope would be conveyed in the giving and receiving of our commemorative blanket.

Armed with research and my sketches, I started to weave the symbolism that would represent the Refuge System. Seven geese, modeled after the "blue goose" symbol created for the Refuge System in 1934, represent the seven regions of the Refuge System. The fifty-five chief's crosses represent the states and territories where national wildlife refuges can be found. The color progression across the blanket represents the landscape of the continental United States from the Atlantic Ocean through forests, prairies, mountains, deserts, and on to the Pacific Ocean. The rising and setting suns on both oceans represent the past and future of the Refuge System. There are many ways to interpret the blanket, with no one answer being correct. Each individual brings his or her own vision of what the symbolism means.

A limited edition of 538 artist-signed and numbered blankets is available, corresponding to the number of refuges currently in the system when this project began, and their order of establishment. For example, blanket 82 represents Seney NWR, the 82<sup>nd</sup> refuge to be established.

As I had hoped, the blankets have taken on a life of their own. Not only are people trading with each other to get the refuge they wanted or is the closest to their heart, they are also learning about other refuges. For more information, contact the Friends of Mid-Columbia River Refuges at 509/543-8322. 

*Matt Hasti is a visual information specialist at the Division of Visitor Services and Communication.*



Matt Hasti



## Refuge Book on the Way

*America's Wildlife Refuges: Lands of Promise*, with photography by the internationally recognized team of Tom and Pat Leeson and text by Jeanne Clark, your *Out & About* editor, will be published in Spring 2003. This Centennial commemorative book describes 25 wildlife success stories that have occurred within the Refuge System during the last 100 years. Individual refuges, special management efforts, and people are mentioned as part of a specific animal's story. Since the habitat safeguarded for these featured species also benefits scores of other wildlife, photos of many secondary species are included to provide stirring visual images of the diversity found on refuges. Feature commitments on this book and the Leeson's incredible photography are already in

place with many prominent national magazines, with a combined circulation of over a million.

This team joins the ranks of several other books celebrating national wildlife refuges.

## Birds Arrive by Satellite

Hawaiian school children, and you, can now see videos of seabirds, green sea turtles, and other species on Nihoa, Necker, Tern Island, and other remote islands by satellite. The satellite images are being beamed to the Hawaii Maritime Center, where school children view them as part of their tour of a Northwestern Hawaiian Islands exhibit.

Using funds from the National Fish and Wildlife Foundation's Centennial education grants, the Northwestern Hawaiian Islands Coral Reef Assessment and Monitoring Program education team

realized an eight-year dream when they developed this project. Visit the website at <http://www.hawaiianatolls.org> or please call Barbara Maxfield for information at 808/541-2749.

## Live Video of Wild Peregrines

The Oregon Coast NWRC received a Centennial Refuge Legacy Grant for \$35,000 from the National Fish and Wildlife Foundation to support its "Falcon Cam" project. A wireless, solar-powered, all-weather video camera will be installed on a headland overlooking the peregrine falcon eyrie at Cape Meares NWR, where it will be able to zoom in on the nest for detail and transmit live video feed to a monitor in the Cape Meares Lighthouse. It will provide a spectacular view for the visiting public and serve research and management objectives.



## TRAININGS & WORKSHOPS

### Internet Home-Page Development for Fish and Wildlife Information

This course is designed for beginners to learn how to create and design a home-page on the World Wide Web. Students will be introduced to the HTML editor, Dreamweaver MX, and exposed to the image manipulation software, Fireworks. Students should be familiar with the current browsers (Netscape and Internet Explorer) and basic HTML tags. Students unfamiliar with HTML should complete the online tutorial at "HTML for Beginners" found at the CNET.com Web site, <http://www.builder.com/Authoring/Basics>.

**When:** February 18-21; April 22-25; and June 23-26

**Where:** Shepherdstown, WV

**Contact:** Mark Richardson at 304/876-7470

### Outreach and Education: Overview and Program Planning

This course covers public outreach program planning in an easy seven-step approach. Participants learn about education and outreach strategies and how they can support Service

management priorities. Recommended for people who are planning outreach programs or developing outreach products. Participants will complete a draft outreach plan during the course for use at their stations.

**When:** March 3-7

**Where:** Portland, OR

**Contact:** Heather Johnson at 304/876-7479

### Conservation Partnerships in Practice Roundtable Workshops

This interactive advanced-level course is designed for Service employees who are currently working on collaborative, landscape-level conservation partnerships. Partnerships at Montana's Blackfoot Challenge and the Texas Prairie Wetlands Project are highlighted, offering participants a chance to interact with presenters and participants and learn how to build successful partnerships.

**When:** March 18-21 at Rockport, TX

**When:** June 3-6 at Seeley Lake, MT

**Contact:** Heather Johnson at 304/876-7479

## Profile...

Continued from Page 1

"Finley's  
photographs  
and vivid  
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caused Roosevelt  
to declare both  
Klamath and  
Malheur as bird  
refuges in 1908."

accounts, a boat would take passengers down the coast on Sundays and slowly steam around the rocks while the gunners fired into the nesting bird colonies. "The beaches at Oceanside were littered with dead birds following the Sunday carnage," he wrote.

He then turned to the White House. After viewing the photographs, President Theodore Roosevelt declared Three Arch Rocks a federal bird sanctuary on October 14, 1907. It was the first bird refuge in the West.

Finley also was instrumental in establishing Lower Klamath and Malheur refuges. Finley and Bohlman had photographed wildlife in the Klamath Basin in 1905 and Finley photographed Malheur in 1908. Again, it was Finley's photographs and vivid descriptions of the devastation created by plume hunters that caused Roosevelt to declare both Klamath and Malheur as bird refuges in 1908.

In 1907, Finley and his wife, Irene, published their first book, *American Birds*. Illustrated with Finley's photographs, it gives details of the habits and lives of the birds in a chatty, accessible style. Finley was known to have a flare for drama. He instinctively knew what images and words would get his audiences' sympathies.

During the 1920s and 1930s, Finley was best known for his popular writings on wildlife. He wrote both "cute animal stories" and hard-hitting pieces on conservation issues, such as the 50 cent bounty that the Alaska Territorial Legislature had imposed on bald eagles in the state.

The Finleys began shooting motion pictures in 1910. They gained national recognition through the wildlife documentary

films they made for the American Nature Association in the 1920s and 1930s. Many of the films featured cute animals, a format adopted by Walt Disney years later, but they also included conservation issues, such as the draining of wetlands for agriculture. They showed their films across the U.S. in a traveling lecture series.

In 1902, Finley helped found the Audubon Society of Oregon and served as president for 26 years. Through the society, he was instrumental in starting the first environmental education program in Oregon's schools. From 1912 through the 1940s, bird house contests were held in every school across the state. The prize was a day out of school, accompanied by an Audubon Society member, to put up the bird house.

Finley helped form Oregon's first Fish and Game Commission in 1911. He was appointed state game warden and established the agency's first magazine, the *Oregon Sportsman*, writing most of it himself. In 1919, the Commission fired Finley, almost certainly because of his outspoken opposition to the draining of the Klamath Basin for farmland, which several Commission members supported.

The Oregon public was shocked and outraged by Finley's firing. Thousands of protest letters were written and school children held a Finley Day. In 1920, the Klamath drainage project was put to a statewide vote and won by a small margin.

In the 1930s, when the rivers feeding Malheur Lake were diverted for irrigation, and left the lake an alkali flat, Finley was able to achieve a happier ending. Finley turned to his friend, Jay N. "Ding" Darling, Chief of the U.S. Biological Survey, for help in purchasing the "P" Ranch and its all-important water rights. Finley wrote, "It was among my personal highpoints."

Finley died in 1953. In 1964, the Fish and Wildlife Service named a newly established refuge in Oregon's Willamette Valley for him in recognition of his conservation achievements and the inception of the National Wildlife Refuge System in the West.

Susan Saul is an outreach specialist in External Affairs in the Regional Office.



USFWS/Richard Baerlson

Horned puffins and other seabirds were given a sanctuary thanks to Finley's outreach skills.



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